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## ENGINEERING INSPECTION REPORT

June 11, 1952

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

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Subject : Gasoline Motor Generator Project #2028, RD-13  Purpose : To Observe Radio Interference Measurement Tests  Those Present : 25X1  The has submitted a completed unit to the for testing. Its dimensions are 6 1/2 X 7 1/3 X 8 inches and its weight, less fuel is, 11.7 pounds. After shielding all internal leads and by passing the output terminals with capacitors, both the radiated and conducted noise was decreased so as to meet specifications with the exception of conducted interference at 7 mcs. A reading of 16 micro-volts peak was measured at this frequency. The Hoffman Corporation intends to decrease this to meet specifications (5 micro-volts) before submitting the unit to us for testing and evaluation.  The unit under test did not run smoothly, the output varying from 70 to 130 volts.  The unit under test did not run smoothly, the output varying from 70 attributed this to a leaky valve in the pressure line to the gasoline tank, and a leaky carburetor float. On the second model to be submitted for testing, they have re-soldered the float and renlaced the faulty valve with a ball check valve. They have re-soldered the float and renlaced the faulty valve with a ball check valve. They assured and it ran smoothly and consistently for thirty minutes.  STAT  also intends to decrease the size of the venturi opening in the carburetor to afford a smoother action of the choke control. At present, this adjustment is quite sensitive.  Shipment on the unit for test was promised by June 17, 1952.	Place		25 <b>X</b> 1	
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	carbureto	r to afford a smoother action of the choke control. At present,	25 <b>X</b> 1	
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WIG/kgs OF ORTH	TUTO /1		25X1	

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